

AMENDED CLAIMS

**[Received by the International Bureau on 28 December 2004 (28.12.04) ;
original claims 1-4 replaced by amended claims 1-2]**

+ STATEMENT

Amended Claims

1. Any wave power plant that has at least two paddles in series and its working principle is to produce the optimum energy from the waves at any time even at a tide time by paddles pivotal forward and backward motions (see Fig 6) and by paddles plates 4 vertical motions that are changed according to the energy received of a plant's component (hereinafter: "Energy"), to find the optimum plate's position Z that the optimum number of wave's particles P will hit the paddle's plate 4 for receiving the optimum amount of energy from the wave (see Fig 7), said plant comprising the frame 5 with the legs 6 carrying at least two paddle units that are arranged in series and movable accordingly by progressive waves, said paddle units accept and consume the waves' energy successfully, while each one of the said paddle units comprising a rod 3 and a plate 4 that is secured on the frame, with the possibility for pivoting with respect thereof by dedicated transfer means for converting forward and backward pivoting motion of the paddle unit into energy, said transfer means comprising at least one any crankshaft mechanisms mounted on the upper frame 5 with the possibility of being driven by the rod 3, said crankshaft mechanisms causing that both, in forward paddle pivotal motion the paddle's energy is accepted and consumed through at least one accumulator AC1 and also in backward paddle pivotal motions the paddle's energy is accepted and consumed through at least one accumulator AC2, said plate 4 vertical motions are done by a pump or by the hydraulic motor HM or by another kind of motor (hereinafter: "Motor") with a piston or the cable 22 (hereinafter: "Cable") that take the plate 4 up and down, directly or indirectly, according to the Energy, said Energy is known by a control system that reads any energy factor/s, before or in or after, the accumulators AC1 and/or AC2.

2. The plant as defined in claim 1, in which the paddle's plate 4 vertical motions are done by the Motor and the Cable that take the plate 4 up and down directly or indirectly, said directly is done while the Motor and the Cable are for the use of paddle's rod 3 to take the plate 4 up and down, then the main rod 3 is built from at least two sub-rods 3a and 3b and the rod 3 works as a "Telescope" (hereinafter: "Telescope working principle") and the Cable 22 inside the rod 3 takes the plate 4 up and down in vertical motion according to the Energy, said indirectly is done while the "Telescope" working principle, the Motor and the Cable are for the use of the legs 6, then each one of the legs 6 are build from few parts, the same, as the above mentioned sub-rods 3a and 3b, that each one of the legs 6 works as a "Telescope" and all the legs 6 work together as a "Telescope" to take the frame with the paddles, 3+4, up and down in vertical motion according to the Energy.